

02/10/2008

PTO/SB/08A (10-01)  
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/610,487
		Filing Date	June 30, 2003
		First Named Inventor	Eric J. Horvitz
		Art Unit	Unknown
		Examiner Name	Unknown
Sheet	1	of	4
		Attorney Docket Number	MS303526.1 / MSFTP474US

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
A.Z. ↓		US- 5,493,692	2-20-96	Theimer, et al.	
		US- 5,508,817	4-16-96	Kuningami	
		US- 5,757,916	5-26-98	MacDoran, et al.	
		US- 5,767,852	6-16-98	Keller, et al.	
		US- 5,812,865	9-22-98	Theimer, et al.	
		US- 5,831,545	11-3-98	Murray, et al.	
		US- 5,928,330	6-27-99	Goetz, et al.	
		US- 5,377,354	12-27-94	Scannell, et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>	-Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)			
A.Z. ↓		EP	0420779A3	04-03-91	Cherryl A. Dawson, et al.	
		EP	0867823A2	09-30-98	Jeyachandran, et al.	
		EP	0905633A3	07-19-00	Haneda, et al.	
		EP	0905633A2	3-31-99	Haneda, et al.	
		GB	2328110A	2-10-99	Pinard	
		WO	96/35994	11-14-96	Finney, et al.	
		WO	98/37680	8-27-98	Franz, et al.	
		WO	98/47268	10-22-98	Newton, et al.	
		WO	98/58321	12-23-98	Udell, et al.	
		WO	99/06915	2-11-99	Narasimhan, et al.	

Examiner Signature	/Ashraf Zahr/ (02/10/2008)	Date Considered	
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		First Named Inventor	Eric J. Horvitz
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		US-			
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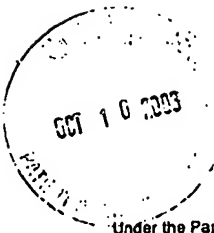
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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
A.Z. ↓ ▽		WO99/67731	12-29-99	Horvitz, et al.		
		WO99/41720	8-19-99	Gisby, et al.		
		WO97/38382	10-16-97	Block, et al.		
		EP0413537A2	02-20-91	Scannell, et al.		
		JP10079756A	8-27-98	Intervoice, LP	Abstract	
		JP08314827A	11-29-96	Hitachi, LTD	Abstract	

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		<b>Application Number</b>	10/610,487
		<b>Filing Date</b>	June 30, 2003
		<b>First Named Inventor</b>	Eric J. Horvitz
		<b>Group Art Unit</b>	Unknown
		<b>Examiner Name</b>	Unknown
<b>Sheet</b> 3	<b>of</b> 4	<b>Attorney Docket Number</b>	MS303526.1 / MSFTP474US

<b>OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS</b>			
<b>Examiner Initials<sup>2</sup></b>	<b>Cite No.<sup>1</sup></b>	<b>Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published</b>	<b>T<sup>2</sup></b>
/A.Z./		COSTAS TSATSOUKIS, QING CHENG and HSIN-YEN WEI, "Integrating Case-Based Reasoning and Decision Theory", 1997, 10 pages	
/A.Z./		FRANCIS CHU and JOSEPH HALPERN, "A Decision-Theoretic Approach to Reliable Message Delivery", 15 pages	
/A.Z./		PETER HADDAWY, "An Overview of Some Recent Developments in Bayesian Problem-Solving Techniques Introduction to This Special Issue", 1999, 9 pages	
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/A.Z./		SANGUK NOH and PIOTR J. GMYTRASIEWICZ, "Rational Communicative Behavior in Anti-Air Defense", 1998, 8 pages	
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/A.Z./		JACOB PALME, JUSSI KARLGREN, and DANIEL PARAGRAN, "Issues when designing filters in messaging systems", 1996, 7 pages	

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		Attorney Docket Number	MS303526.1 / MSFTP474US
Sheet	4	of	4

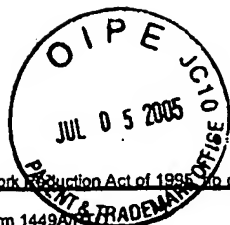
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>2</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
/A.Z./		CHAOMEI CHEN, "Visualising semantic spaces and author co-citation networks in digital libraries", 1999, 20 pages	
/A.Z./		International Search Report dated August 20, 2002, for International Application Serial No. PCT/US01/08711	
/A.Z./		International Search Report dated September 2, 2002, for International Application Serial No. PCT/US01/08710	
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/A.Z./		PAUL E. BACLACE, "Competitive Agents for Information Filtering", December 1999, 1 page	
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/A.Z./		M. MARX, et al, "Clues: Dynamic Personalized Message Filtering", Proceedings of the ACM 1996 Conference on Computer Supported Cooperative Work, Boston, Nov. 16-20, 1996, pages 113-121	

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Substitute for form 1449A

**SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT  
BY APPLICANT**

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Sheet 1 of 5

**Complete if Known**

Application Number	10/610,487
Filing Date	June 30, 2003
First Named Inventor	Eric J. Horvitz
Art Unit	2141
Examiner Name	Unknown
Attorney Docket Number	MS303526.01/MSFTP474US

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
/A.Z./		US- 6,513,046	01-28-2003	Abbott, III et al.	
		US- 6,747,675	06-08-2004	Abbott et al.	
		US- 6,801,223	10-05-2004	Abbott et al.	
		US- 6,842,877	01-11-2005	Robarts et al.	
		US- 6,466,232	10-15-2002	Newell et al.	
		US- 6,549,915	04-15-2003	Abbott, III et al.	
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		US- 6,812,937	11-02-2004	Abbott et al.	
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		US- 2002/0083025	06-27-2002	Robarts et al.	
		US- 2002/0087525	07-04-2002	Abbott et al.	
		US- 2003/0046401	03-06-2003	Abbott et al.	
		US- 2005/0034078	02-10-2005	Abbott et al.	

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Substitute for form 1449A/PTO

**SUPPLEMENTAL INFORMATION  
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*(Use as many sheets as necessary)*

Sheet

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of

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**Complete if Known**

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First Named Inventor	Eric J. Horvitz
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Art Unit	2141
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Examiner Name	Unknown
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## U. S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

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**Examine  
Signature**

/Ashraf Zahr/ (02/10/2008)

Date \_\_\_\_\_

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NON PATENT LITERATURE DOCUMENTS			
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/A.Z./		ANDY HARTER, et al., A Distributed Location System for the Active Office, IEEE Network, 1994, pp. 62-70.	
/A.Z./		GUANLING CHEN, et al., A Survey of Context-Aware Mobile Computing Research, Dartmouth Computer Science Technical Report, 2000, 16 pages.	
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/A.Z./		MIKE SPREITZER, et al., Providing Location Information in a Ubiquitous Computing Environment, SIGOPS '93, 1993, pp.270-283.	
/A.Z./		MARVIN THEIMER, et al., Operating System Issues for PDAs, In Fourth Workshop on Workstation Operating Systems, 1993, 7 pages.	
/A.Z./		ROY WANT, Active Badges and Personal Interactive Computing Objects, IEEE Transactions on Consumer Electronics, 1992, 11 pages, Vol. 38 - No. 1.	
/A.Z./		BILL N. SCHILIT, et al., The ParcTab Mobile Computing System, IEEE WWOS-IV, 1993, 4 pages.	
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/A.Z./		MIKE SPREITZER, et al., Architectural Considerations for Scalable, Secure, Mobile Computing with Location Information, In The 14th International Conference on Distributed Computing Systems, June 1994. pages 29-38.	

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Sheet	4	of	5	Attorney Docket Number	MS303526.1/MSFTP474US

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/A.Z./		MIKE SPREITZER et al., Scalable, Secure, Mobile Computing with Location Information, Communications of the ACM, July 1993, 1 page, Vol. 36 - No. 7.	
/A.Z./		ROY WANT, et al., The Active Badge Location System, ACM Transactions on Information Systems, January 1992, pp. 91-102, Vol. 10 - No. 1.	
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/A.Z./		BRADLEY J. RHODES, Remembrance Agent: A continuously running automated information retrieval system, The Proceedings of The First International Conference on The Practical Application Of Intelligent Agents and Multi Agent Technology, 1996, pp. 487-495.	
/A.Z./		ERIC HORVITZ, et al., In Pursuit of Effective Handsfree Decision Support: Coupling Bayesian Inference, Speech Understanding, and User Models, 1995, 8 pages.	
/A.Z./		BRADLEY J. RHODES, The Wearable Remembrance Agent: A System for Augmented Theory, The Proceedings of The First International Symposium on Wearable Computers, October 1997, pp. 123-128.	
/A.Z./		ERIC HORVITZ, et al., Attention-Sensitive Alerting in Computing Systems, Microsoft Research, August 1999.	
/A.Z./		BILL N. SCHILIT, et al., Disseminating Active Map Information to Mobile Hosts, IEEE Network, 1994, pages 22-32, Vol. 8 - No. 5.	
/A.Z./		MARK BILLINGHURST, et al., Wearable Devices: New Ways to Manage Information, IEEE Computer Society, January 1999, pp. 57-64.	

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Application Number	10/610,487
Filing Date	June 30, 2003
First Named Inventor	Eric J. Horvitz
Art Unit	2141
Examiner Name	Unknown
Attorney Docket Number	MS303526.1/MSFTP474US

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/A.Z./		THAD EUGENE STARNER, Wearable Computing and Contextual Awareness, Massachusetts Institute of Technology, June 1999, 248 pages.	
/A.Z./		BRADLEY J. RHODES, The Wearable Remembrance Agent: A System for Augmented Memory, Personal Technologies Journal Special Issue on Wearable Computing, 1997, 12 pages.	
/A.Z./		Workshop on Wearable Computing Systems, August 19-21, 1996.	
/A.Z./		MARK BILLINGHURST, Research Directions in Wearable Computing, University of Washington, May, 1998, 48 pages.	
/A.Z./		Mark Weiser, The Computer for the 21st Century, Scientific American, September 1991, pp. 94-104, Vol. 265 - No. 3.	

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Application Number	10610487
Filing Date	2003-06-30
First Named Inventor	Eric J. Horvitz, et al.
Art Unit	2141
Examiner Name	Unknown
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10610487
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/A.Z./	1	T. JOACHIMS, Text categorization with support vector machines: learning with many relevant features, Machine Learning, European Conference on Machine Learning, April 21, 1998, pp. 137-142.	<input type="checkbox"/>
/A.Z./	2	International Search Report dated September 29, 2003 for PCT Application Serial No. 00/20685, 3 Pages.	<input type="checkbox"/>
/A.Z./	3	ROBERT M. LOSEE, JR., Minimizing information overload: the ranking of electronic messages, Journal of Information Science 15, Elsevier Science Publishers B.V., 1989, pp. 179-189.	<input type="checkbox"/>

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/A.Z./	2	5615325		1997-03-25	Peden	
/A.Z./	3	6590587		2003-07-08	Wichelman, et al.	
/A.Z./	4	6437812		2002-08-20	Giles, et al.	
/A.Z./	5	6289380		2001-09-11	Battat, et al.	
/A.Z./	6	6067477		2000-05-23	Wewalaarachchi, et al.	
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/A.Z./	9	6078322		2000-06-20	Simonoff, et al.	
/A.Z./	10	6593943		2003-07-15	MacPhail	
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Art Unit	2141
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/A.Z./	1	6094681		2000-07-25	Shaffer, et al.		
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/A.Z./	4	6400810		2002-06-04	Skladman, et al.		
/A.Z./	5	6438618		2002-08-20	Lortz, et al.		
/A.Z./	6	6584502		2003-06-24	Natarajan, et al.		
/A.Z./	7	6591279		2003-07-08	Emens, et al.		
/A.Z./	8	6650902		2003-11-18	Richton		

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/A.Z./	9	6829639		2004-12-07	Lawson, et al.	
/A.Z./	10	6965917		2005-11-15	Aloni, et al.	
/A.Z./	11	7016944		2006-03-21	Meyer, et al.	
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re patent application of

Applicant: **Eric J. Horvitz, et al.**  
Serial No.: **10/610,487**  
Filed: **06/30/2003**  
For: **POSITIONING AND RENDERING NOTIFICATION HERALDS BASED ON USER'S FOCUS OF ATTENTION AND ACTIVITY**  
Art Unit: **2141**  
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Serial No.:	<u>60/189,801</u>	<u>09/596,365</u>	<u>10/220,550</u>	<u>09/881,502</u>
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Respectfully Submitted,

By   
Himanshu S. Amin  
Reg. No. 40,894

Amin, Turocy & Calvin, LLP  
24<sup>TH</sup> Floor, National City Center  
1900 East 9<sup>th</sup> Street  
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	Art Unit		2141	
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